

Appln No. 10/069,915

Amdt date March 17, 2004

Reply to Office action of December 17, 2003

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (Previously Amended) A door module for fixing to a door body forming a door base component of a motor vehicle door comprising:

- a frame structure including a window frame having a guide for receiving a window pane;
- an assembly carrier for holding functional components of the vehicle door, on which at least structural elements of a window lifter for holding the window pane are prefitted; and
- at least one fixing node provided on the frame structure and through which the frame structure can be connected to the door body, wherein the at least one fixing node includes means for adjusting the position of the window frame relative to the fixing node and the assembly carrier about a longitudinal axis of the vehicle door.

2. (Previously Amended) The door module according to claim 1 wherein the means for adjusting the position of the window frame relative to the at least one fixing node and the assembly carrier is attached to the fixing node.

Appln No. 10/069,915

Amdt date March 17, 2004

Reply to Office action of December 17, 2003

3. (Previously Amended) The door module according to claim 1 or 2 wherein the at least one fixing node is a separate structural part of the door module.

4. (Previously Amended) The door module according to claim 1 wherein the at least one fixing node is mounted in a region of an upper end section of the assembly carrier facing a window opening in the frame structure.

5. (Previously Amended) The door module according to claim 1 wherein the at least one fixing node protrudes laterally within the frame structure.

6. (Previously Amended) The door module according to claim 1 wherein the at least one fixing node comprises a housing for receiving the window frame for housing the means for adjusting the position of the window frame.

7. (Previously Amended) The door module according to claim 1 wherein the at least one fixing node and the assembly carrier form one structural unit, relative to which the position of the window frame can be adjusted.

8. (Previously Amended) The door module according to claim 1 wherein the window frame is adjustable about a longitudinal axis of the vehicle door with respect to both the assembly carrier and the door body.

Appln No. 10/069,915

Amdt date March 17, 2004

Reply to Office action of December 17, 2003

9. (Previously Amended) The door module according to claim 8 wherein the window frame is associated with a front and a rear fixing node in relation to the longitudinal axis of the vehicle door, wherein each of the fixing nodes comprises means for adjusting the position of the window frame.

10. (Previously Amended) The door module according to claim 1 wherein the means for adjusting the position of the window frame are provided for swivelling the window frame relative to the fixing node.

11. (Previously Amended) The door module according to claim 10 wherein the window frame is able to swivel relative to the fixing node about an axis running substantially parallel to a longitudinal axis of the vehicle door.

12. (Previously Amended) The door module according to claim 10 or 11 wherein the window frame and the fixing node have a ball and socket connection.

13. (Previously Amended) The door module according to claim 1 wherein the means for adjusting the position of the window frame comprises a wedge which is mounted between the window frame and the at least one fixing node.

14. (Currently Amended) The door module according to claim 13 wherein the wedge is displaceable in the door plane (xz-plane), more particularly transverse to the longitudinal

Appln No. 10/069,915

Amdt date March 17, 2004

Reply to Office action of December 17, 2003

axis (x) of the vehicle between the fixing node ~~(2,3)~~ and the window frame~~(10)~~.

15. (Previously Amended) The door module according to claim 14 wherein the window frame is able to swivel about a longitudinal axis of the vehicle door and relative to the at least one fixing node and the assembly carrier.

16. (Previously Amended) The door module according to claim 1 wherein the means for adjusting the position of the window frame acts independently of fixing means for connecting the window frame to the at least one fixing node.

17. (Currently Amended) The door module according to claim 1 wherein the means for adjusting the position of the window frame can be locked in a defined position by ~~the~~ a fixing means.

18. (Previously Amended) The door module according to claim 1 wherein the door module comprises means for reinforcing the vehicle door.

19. (Previously Amended) The door module according to claim 18 wherein the means for reinforcing the door are provided in a breast area of the vehicle door.

20. (Previously Amended) The door module according to claim 18 or 19 wherein the means for reinforcing the door comprise a longitudinally extended reinforcement element, which

Appln No. 10/069,915

Amdt date March 17, 2004

Reply to Office action of December 17, 2003

extends along a longitudinal axis of the vehicle door and is connected to the at least one fixing node.

21. (Previously Amended) The door module according to claim 20 wherein the means for reinforcing the door extends between a front and a rear fixing node and is connected to each of the fixing nodes.

22. (Previously Amended) The door module according to claim 20 wherein the longitudinally extended reinforcement element is tubular, at least in the region of the at least one fixing node.

23. (Previously Amended) The door module according to claim 20 wherein the longitudinally extended reinforcement element is supported on the at least one fixing node.

24. (Previously Amended) The door module according to claim 20 wherein the longitudinally extended reinforcement element is connected with keyed engagement to the at least one fixing node.

25. (Previously Amended) The door module according to claim 24 wherein the keyed connection is a plug fit connection.

26. (Previously Amended) The door module according to claim 20 wherein the longitudinally extended reinforcement element is additionally connected to the assembly carrier through a material-bonding connection.

Appln No. 10/069,915

Amdt date March 17, 2004

Reply to Office action of December 17, 2003

27. (Previously Amended) The door module according to claim 20 wherein the assembly carrier is one of strengthened and profiled in the region of the longitudinally extended reinforcement element.

28. (Previously Amended) The door module according to claim 1 wherein functional components of the vehicle door are prefitted on the assembly carrier.

29. (Currently Amended) The door module according to claim 1 wherein the at least one fixing node has means that interacts with corresponding means in the door body for adjusting the position of the at least one fixing node relative to the door body in a direction generally parallel to a longitudinal axis of the vehicle door, ~~and the means interacts with corresponding means in the door body for adjusting the position of the at least one fixing node relative to the door body.~~

30. (Previously Amended) A motor vehicle door comprising:
a door module including:

- a frame structure including a window frame having a guide for receiving a window pane;
- an assembly carrier for holding functional components of the vehicle door, on which at least structural elements of a window lifter for holding the window pane are prefitted; and

Appln No. 10/069,915

Amdt date March 17, 2004

Reply to Office action of December 17, 2003

- at least one fixing node provided on the frame structure, wherein the at least one fixing node includes means for adjusting the position of the window frame relative to the fixing node and the assembly carrier about a longitudinal axis of the vehicle door; and
- a door body, forming a base component of the door, connected to the door module.

31. (Previously Amended) The motor vehicle door according to claim 30 wherein at least one section of the frame structure is inserted into the door body.

32. (Previously Amended) The motor vehicle door according to claim 30 wherein a position of the door module can be longitudinally adjusted relative to the door body.

33. (Previously Amended) The motor vehicle door according to claim 32 wherein in order to adjust the position of the door module relative to the door body, at least one bolt is provided, which is associated with an oblong hole in the door body.

34. (Previously Amended) The motor vehicle door according to claim 32 wherein in order to adjust the position of the door module, the position of the at least one fixing node is adjustable relative to the door body.

35. (Previously Amended) The motor vehicle door according to claim 30 wherein the door module is connected to the door

Appln No. 10/069,915

Amdt date March 17, 2004

Reply to Office action of December 17, 2003

body substantially without any adjustment play perpendicular to a plane substantially along a vertical plane of the vehicle door.

36. (Withdrawn) A method for assembling a vehicle door which includes a door body, forming a base component of the door, connected to a door module, wherein the door module includes:

- a frame structure including a window frame having a guide for receiving a window pane ;
- an assembly carrier for holding functional components of the vehicle door, on which at least the structural elements of a window lifter for holding the window pane are prefitted; and
- at least one fixing node provided on the frame structure, wherein the at least one fixing node includes means for adjusting the position of the window frame relative to the fixing node and the assembly carrier about a longitudinal axis of the vehicle door, the method comprising:
 - adjusting the position of the window frame relative to the fixing node and the assembly carrier about a longitudinal axis of the vehicle door; and
 - connecting the door module to the door body after adjusting the position of the window frame relative to the fixing node and the assembly carrier about a longitudinal axis of the vehicle door.

Appln No. 10/069,915

Amdt date March 17, 2004

Reply to Office action of December 17, 2003

37. (Withdrawn) The method according to claim 36 wherein adjusting the position of the window frame is carried out by swivelling the window frame about the longitudinal axis of the vehicle door.

38. (Withdrawn) The method according to claim 36 wherein when connecting the door module to the door body, the door module is adjustable relative to the door body solely in a direction which is generally vertical.

39. (Withdrawn) The method according to claim 36 wherein when assembling the door module to the door body and adjusting the position of the window frame, gauges are used by means of reference points on the door module and door body.